

RAW SEQUENCE LISTING                      DATE: 05/25/2000  
 PATENT APPLICATION: US/09/439,311A        TIME: 20:06:35

Input Set : A:\Pto.amc  
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3 <110> APPLICANT: Guerry, Patricia
4   Trust, Trevor J
5   Burg, Edward
6   Lee, Lanfong
8 <120> TITLE OF INVENTION: A Recombinant Polypeptide for use in the Manufacture of Vaccines
9   against Campylobacter Induced Diarrhea and to Reduce Colonization
11 <130> FILE REFERENCE: 78560
W--> 12 <140> CURRENT APPLICATION NUMBER: A
C--> 13 <141> CURRENT FILING DATE: 1999-11-12
W--> 14 <160> NUMBER OF SEQ ID: 4
15 <170> SOFTWARE: PatentIn Ver. 2.0
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18 <211> LENGTH: 999
19 <212> TYPE: DNA
20 <213> ORGANISM: Campylobacter coli
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24 gcttcaggga tggcgatagc agatagttta agatctcagg caaatacttt gggtcaggct 180
25 atatctaata gtaatgatgc tttagggtatc ttgcaaaactg cagataaggc tatggatgag 240
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28 aatatcgcaa ataccacttc atttaatggc aaacaacttt taagtgggtgg ttttaccat 420
29 caagaattcc aaatcggttc aagttcaaat caaactatta aagcaagtat aggagcaact 480
30 cagttcttcta aaatcggtgt aacaagattt gaaacagggt cacaaagtgt ttcttcaggc 540
31 actgtaggac ttactattaa aaactacaac ggtatcgaag attttaaatt tgatagtgt 600
32 gtgatttcta cttcagtagg aacagggtctt ggagctttgg ctgaagagat caacagaaat 660
33 gcagataaaa caggaattcg tgcaactttt gatgtaaaat ctgtaggagc ctatgcaata 720
34 aaagcaggaa atactttctca ggattttgct atcaatgggg ttgttatagg taagggtgat 780
35 tattcagatg gtgatgagaa tggttcttta atttcagcta tcaatgctgt aaaagatata 840
36 actggtgttc aagcctctaa agatgaaaat ggtaaaactt ttcttacttc ggccgatggt 900
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42 <211> LENGTH: 333
43 <212> TYPE: PRT
44 <213> ORGANISM: Campylobacter coli
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46 Ile Asn Thr Asn Val Ala Ala Leu Asn Ala Lys Ala Asn Ser Asp Leu
47   1           5           10           15
48 Asn Ser Arg Ala Leu Asp Gln Ser Leu Ser Arg Leu Ser Ser Gly Leu
49   20           25           30
50 Arg Ile Asn Ser Ala Ala Asp Asp Ala Ser Gly Met Ala Ile Ala Asp
51   35           40           45
52 Ser Leu Arg Ser Gln Ala Asn Thr Leu Gly Gln Ala Ile Ser Asn Gly
53   50           55           60
54 Asn Asp Ala Leu Gly Ile Leu Gln Thr Ala Asp Lys Ala Met Asp Glu

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56 Gln Leu Lys Ile Leu Asp Thr Ile Lys Thr Lys Ala Thr Gln Ala Ala
57          85          90          95
58 Gln Asp Gly Gln Ser Leu Lys Thr Arg Thr Met Leu Gln Ala Asp Ile
59          100          105          110
60 Asn Arg Leu Met Glu Glu Leu Asp Asn Ile Ala Asn Thr Thr Ser Phe
61          115          120          125
62 Asn Gly Lys Gln Leu Leu Ser Gly Gly Phe Thr Asn Gln Glu Phe Gln
63          130          135          140
65 Ile Gly Ser Ser Ser Asn Gln Thr Ile Lys Ala Ser Ile Gly Ala Thr
66 145          150          155          160
67 Gln Ser Ser Lys Ile Gly Val Thr Arg Phe Glu Thr Gly Ser Gln Ser
68          165          170          175
69 Phe Ser Ser Gly Thr Val Gly Leu Thr Ile Lys Asn Tyr Asn Gly Ile
70          180          185          190
71 Glu Asp Phe Lys Phe Asp Ser Val Val Ile Ser Thr Ser Val Gly Thr
72          195          200          205
73 Gly Leu Gly Ala Leu Ala Glu Glu Ile Asn Arg Asn Ala Asp Lys Thr
74          210          215          220
75 Gly Ile Arg Ala Thr Phe Asp Val Lys Ser Val Gly Ala Tyr Ala Ile
76 225          230          235          240
77 Lys Ala Gly Asn Thr Ser Gln Asp Phe Ala Ile Asn Gly Val Val Ile
78          245          250          255
79 Gly Lys Val Asp Tyr Ser Asp Gly Asp Glu Asn Gly Ser Leu Ile Ser
80          260          265          270
81 Ala Ile Asn Ala Val Lys Asp Thr Thr Gly Val Gln Ala Ser Lys Asp
82          275          280          285
83 Glu Asn Gly Lys Leu Val Leu Thr Ser Ala Asp Gly Arg Gly Ile Lys
84          290          295          300
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100 <213> ORGANISM: Campylobacter coli
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VERIFICATION SUMMARY                      DATE: 05/25/2000  
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Input Set : A:\Pto.amc  
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